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Dated: November 1, 2005, Signature: *Deborah Ricks*

(Deborah Ricks)

ITW

Docket No.: 55197-00010USPT  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application of:  
Michael J. Puglia et al.

Application No.: 10/608,400

Art Unit: 1743

Filed: June 27, 2003

Examiner: Brian J. Sines

For: Method For Uniform Application of Fluid Into A  
Reactive Reagent Area

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR. §§ 1.97 and 1.98**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

In accordance with 37 CFR § 1.98(d), any necessary copies are enclosed. However, in accordance with the October 12, 2004 OG Notice, copies of U.S. patents and U.S. published application references are no longer required and, thus, are not enclosed.

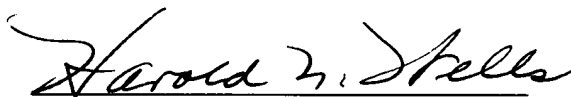
In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information

as defined in 37 CFR § 1.56(a) exists. In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is or is considered to be "prior art" with respect to the present application or material to patentability as defined in 37 CFR § 1.56.

The present Information Disclosure statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits and hence is believed to be timely in accordance with 37 C.F.R. § 1.97(b). Accordingly, no fees are believed to be due in connection with the filing of this Information Disclosure Statement. However, should any fees be deemed necessary (except payment of the issue fee), the Commissioner is authorized to charge any deficiency or to credit any over payment to Jenkins & Gilchrist Deposit Account No. 10-0447/55197-00010USPT.

Dated: November 1, 2005

Respectfully submitted,



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Office of Patent and Publications for Applicant's  
**FIRST INFORMATION DISCLOSURE STATEMENT**

Applicant

Michael J. Pugia et al.

Filing Date:

June 27, 2003

Group: 1743

Page 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	3,798,459	03/19/74	Anderson et al.	250	218	
	A2	3,799,742	03/26/74	C.M. Coleman	23	253 R	
	A3	3,804,533	04/16/74	Scott	356	197	
	A4	3,856,649	12/24/74	Genshaw et al.	204	195	
	A5	4,310,399	01/12/82	Columbus	204	195 R	
	A6	4,534,659	08/13/85	Dourdeville et al.	366	338	
	A7	4,587,220	05/06/86	Mayambala-Mwanika et al.	436	66	
	A8	4,600,507	07/15/86	Shimizu et al.	210	94	
	A9	4,618,476	10/21/86	Columbus	422	100	
	A10	4,676,274	06/30/87	Brown	137	806	
	A11	4,755,472	07/05/88	Ismail et al.	436	66	
	A12	4,908,112	03/13/90	Pace	204	299	
	A13	4,963,498	10/16/90	Hillman et al.	436	69	
	A14	5,024,647	06/18/91	Jubin et al.	494	37	
	A15	5,089,420	02/18/92	Albarella et al.	436	66	
	A16	5,096,836	03/17/92	Macho et al.	436	169	
	A17	5,160,702	11/03/92	Kopf-Sill et al.	422	72	
	A18	5,164,598	11/17/92	Hillman et al.	250	341	
	A19	5,187,104	02/16/93	Corey et al.	436	86	
	A20	5,222,808	06/29/93	Sugarman et al.	366	274	
	A21	5,279,790	01/18/94	Nilsson et al.	422	102	
	A22	5,286,454	02/15/94	Nilsson et al.	422	102	
	A23	5,296,192	03/22/94	Carroll et al.	422	56	
	A24	5,318,894	06/07/94	Pugia	435	28	
	A25	5,360,595	11/01/94	Bell et al.	422	56	
	A26	5,372,918	12/13/94	Usui et al.	430	379	
	A27	5,424,125	06/13/95	Ballard et al.	428	364	

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTQ-1449 (modified)	Atty. Docket No. 55197-00010USPT	Serial No. 10/608,400
List of Patents and Publications for Applicant's <b>FIRST INFORMATION DISCLOSURE STATEMENT</b>	Applicant Michael J. Puglia et al.	
Page 2	Filing Date: June 27, 2003	Group: 1743

	A28	5,443,890	08/22/95	Öhman	428	167	
	A29	5,478,751	12/26/95	Oosta et al.	436	165	
	A30	5,585,069	12/17/96	Zanzucchi et al.	422	100	
	A31	5,631,303	05/20/97	Reinecke	521	40.5	
	A32	5,716,741	02/10/98	Reinecke et al.	430	8	
	A33	5,826,981	10/27/98	Fowler et al.	366	337	
	A34	5,834,314	11/10/98	Gates et al.	436	52	
	A35	5,837,200	10/17/98	Diessel et al.	422	73	
	A36	5,842,787	12/01/98	Kopf-Sill et al.	366	340	
	A37	5,851,776	12/22/98	Valkirs	435	7.1	
	A38	5,866,345	02/02/99	Wilding et al.	435	7.21	
	A39	5,885,527	03/23/99	Buechler	422	58	
	A40	5,912,134	06/15/99	Shartle	435	7.24	
	A41	5,921,678	07/13/99	Desai et al.	366	336	
	A42	5,922,615	07/13/99	Nowakowski et al.	436	518	
	A43	5,932,315	08/03/99	Lum et al.	428	172	
	A44	5,939,272	08/17/99	Buechler et al.	435	7.1	
	A45	5,942,443	08/24/99	Parce et al.	436	514	
	A46	5,948,227	09/07/99	Dubrow	204	455	
	A47	5,955,028	09/21/99	Chow	422	63	
	A48	5,957,579	09/28/99	Kopf-Sill et al.	366	340	
	A49	5,958,203	09/28/99	Parce et al.	204	451	
	A50	5,958,694	09/28/99	Nikiforov	435	6	
	A51	5,959,291	09/28/99	Jensen	250	214 R	
	A52	5,964,995	10/12/99	Nikiforov et al.	204	450	
	A53	5,965,001	10/12/99	Chow et al.	204	600	
	A54	5,965,375	10/12/99	Valkirs	435	7.2	
	A55	5,965,410	10/12/99	Chow et al.	435	91.2	
	A56	5,972,187	10/26/99	Parce et al.	204	453	
	A57	5,976,336	11/02/99	Dubrow et al.	204	453	

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List of Patents and Publications for Applicant's <b>FIRST INFORMATION DISCLOSURE STATEMENT</b>	Applicant Michael J. Pugia et al.	
Page 3	Filing Date: June 27, 2003	Group: 1743

	A58	5,985,579	11/16/99	Buechler et al.	435	7.1	
	A59	5,989,402	11/23/99	Chow et al.	204	601	
	A60	5,994,150	11/30/99	Challener et al.	436	518	
	A61	6,001,231	12/14/99	Kopf-Sill	204	454	
	A62	6,002,475	12/14/99	Boyd et al.	356	246	
	A63	6,004,515	12/21/99	Parce et al.	422	100	
	A64	6,011,252	01/04/00	Jensen	250	214 R	
	A65	6,012,902	01/11/00	Parce	417	48	
	A66	6,019,944	02/01/00	Buechler	422	58	
	A67	6,024,138	02/15/00	Fritz et al.	141	31	
	A68	6,030,581	02/29/00	Virtanen	422	68.1	
	A69	6,037,455	03/14/00	Buechler	530	404	
	A70	6,042,709	03/28/00	Parce et al.	204	453	
	A71	6,043,043	03/28/00	Yip	435	72	
	A72	6,046,056	04/04/00	Parce et al.	436	514	
	A73	6,048,498	04/11/00	Kennedy	422	99	
	A74	6,065,864	05/23/00	Evans et al.	366	167.1	
	A75	6,068,752	05/30/00	Dubrow et al.	204	604	
	A76	6,071,478	06/06/00	Chow	422	81	
	A77	6,074,725	06/13/00	Kennedy	428	188	
	A78	6,080,295	06/27/00	Parce et al.	204	451	
	A79	6,082,891	07/04/00	Schubert et al.	366	338	
	A80	6,086,740	07/11/00	Kennedy	204	601	
	A81	6,086,825	07/11/00	Sundberg et al.	422	100	
	A82	6,090,251	07/18/00	Sundberg et al.	204	453	
	A83	6,100,099	08/08/00	Gordon et al.	436	518	
	A84	6,100,541	08/08/00	Nagle et al.	250	573	
	A85	6,106,779	08/22/00	Buechler et al.	422	55	
	A86	6,107,044	08/22/00	Nikiforov	435	6	
	A87	6,113,855	09/05/00	Buechler	422	58	

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*INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)*

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List of Patents and Publications for Applicant's <b>FIRST INFORMATION DISCLOSURE STATEMENT</b>	Applicant Michael J. Pugia et al.	
Page 4	Filing Date: June 27, 2003	Group: 1743

	A88	6,123,798	09/26/00	Gandhi et al.	156	292	
	A89	6,129,826	10/10/00	Nikiforov et al.	204	450	
	A90	6,130,098	10/10/00	Handique et al.	436	180	
	A91	6,132,685	10/17/00	Kercso et al.	422	104	
	A92	6,136,272	10/24/00	Weigl et al.	422	82.05	
	A93	6,136,610	10/24/00	Polito et al.	436	514	
	A94	6,143,576	11/07/00	Buechler	436	518	
	A95	6,148,508	11/21/00	Wolk	29	825	
	A96	6,149,870	11/21/00	Parce et al.	422	100	
	A97	6,150,119	11/21/00	Kopf-Sill et al.	435	7.1	
	A98	6,150,180	11/21/00	Parce et al.	436	514	
	A99	6,156,270	12/5/00	Buechler	422	58	
	A100	6,170,981 B1	01/09/01	Regnier et al.	366	336	
	A101	6,176,119 B1	01/23/01	Kintzig	73	53.01	
	A102	6,176,991 B1	01/23/01	Nordman	204	601	
	A103	6,185,029 B1	02/06/01	Ishihara	359	216	
	A104	6,186,660 B1	02/13/01	Kopf-Sill et al.	366	340	
	A105	6,190,034 B1	02/20/01	Nielsen et al.	366	336	
	A106	6,207,000 B1	03/27/01	Schwobel et al.	156	248	
	A107	6,235,175 B1	05/22/01	Dubrow et al.	204	453	
	A108	6,238,538 B1	05/29/01	Parce et al.	204	600	
	A109	6,241,379 B1	06/05/01	Larsen	366	181.5	
	A110	6,251,567 B1	06/26/01	Reinecke et al.	427	581	
	A111	6,254,754 B1	07/03/01	Ross et al.	204	548	
	A112	6,264,900 B1	07/24/01	Schubert et al.	422	224	
	A113	6,268,025 B1	07/31/01	Reinecke et al.	427	581	
	A114	6,281,254 B1	08/28/01	Nakajima et al.	516	53	
	A115	6,284,113 B1	09/04/01	Bjornson et al.	204	453	
	A116	6,287,520 B1	09/11/01	Parce et al.	422	100	
	A117	6,296,020 B1	10/02/01	McNeely et al.	137	806	

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**INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)**

<b>Form PTQ-1449 (modified)</b>  <b>List of Patents and Publications for Applicant's FIRST INFORMATION DISCLOSURE STATEMENT</b>  Page 5	<b>Atty. Docket No.</b> 55197-00010USPT	<b>Serial No.</b> 10/608,400
	<b>Applicant</b> Michael J. Pugia et al.	
	<b>Filing Date:</b> June 27, 2003	<b>Group:</b> 1743

	A118	2001/0037099 A1	11/01/01	Effenhauser	604	352	02/27/01
	A119	2001/0042712 A1	11/22/01	Battrell et al.	210	511	5/23/01
	A120	6,319,469	11/20/01	Mian et al.	422	64	
	A121	6,321,791 B1	11/17/01	Chow	137	833	
	A122	6,322,683 B1	11/27/01	Wolk et al.	204	600	
	A123	2001/0048900 A1	12/06/01	Bardell et al.	422	100	5/23/01
	A124	2002/0015959 A1	02/07/02	Bardell et al.	435	6	6/22/01
	A125	2002/0023684 A1	02/28/02	Chow	137	833	6/8/01
	A126	2002/0048535 A1	04/25/02	Weigl et al.	422	100	09/18/01
	A127	6,379,974 B1	04/30/02	Parce et al.	436	180	
	A128	2002/0058332 A1	05/16/02	Quake et al.	435	288.3	09/14/01
	A129	6,399,361 B2	06/04/02	Brotherston et al.	435	283.1	
	A130	2002/0076350 A1	06/20/02	Weigl et al.	422	58	09/18/01
	A131	2002/0079219 A1	06/27/02	Zhao et al.	204	451	08/24/01
	A132	2002/0097632 A1	07/25/02	Kellogg et al.	366	220	05/15/01
	A133	6,428,664 B1	08/06/02	Bhullar et al.	204	403.03	
	A134	2002/0112961 A1	08/22/02	O'Connor et al.	204	601	4/17/02
	A135	2002/0114738 A1	08/22/02	Wyzgol et al.	422	100	10/25/01
	A136	6,582,662 B1	06/24/03	Kellogg et al.	422	72	
	A137	6,457,854 B1	10/01/02	Koop et al.	366	336	
	A138	6,540,896 B1	04/01/03	Manz et al.	204	451	
	A139	6,632,399 B1	10/14/03	Kellogg et al.	422	72	
	A140	6,653,625 B2	11/25/03	Andersson et al.	250	288	
	A141	6,709,559 B2	03/23/04	Sundbert et al.	204	604	
	A142	6,734,401 B2	05/11/04	Bedingham et al.	219	388	
	A143	6,776,965 B2	08/17/04	Wyzgol et al.	422	100	
	A144	6,811,752 B2	11/02/04	Barbera-Guillem	422	100	
	A145	6,878,555 B2	04/12/05	Andersson et al.	436	180	

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Page 6

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0 693 560 A2	01/24/96	Europe	C12Q	1/68	
	B2	EP 0 693 560 A3	01/22/97	Europe	C12Q	1/68	
	B3	EP 1 013 341 A2	06/28/00	Europe	B01L	3/00	
	B4	EP 1 013 341 A3	01/10/01	Europe	B01L	3/00	
	B5	EP 0 871 539 B1	02/20/02	Europe	B01D	69/02	
	B6	WO 97/00121	01/03/97	PCT	B01D	69/02	
	B7	WO 97/01055	01/09/97	PCT	F16K	7/17	
	B8	WO 99/46045 A1	09/16/99	PCT	B01L	3/00	
	B9	WO 00/22436	04/20/00	PCT	G01N	33/567	
	B10	WO 00/21728	04/20/00	PCT	B29C	33/38	
	B11	WO 00/25921	05/11/00	PCT	B01L	3/00	
	B12	WO 00/34781 A2	06/15/00	PCT	G01N	33/53	
	B13	WO 00/34781 A3	06/15/00	PCT	G01N	33/553	
	B14	WO 00/36416 A1	06/22/00	PCT	G01N	33/543	
	B15	WO 01/12329 A1	02/22/01	PCT	B01L	3/02	
	B16	WO 01/14063 A1	03/01/01	PCT	B01L	3/00	
	B17	WO 01/14116 A1	03/01/01	PCT	B29C	33/42	
	B18	WO 01/19586 A1	03/22/01	PCT	B29C	33/42	
	B19	WO 01/54810 A1	08/02/01	PCT	B01J	19/00	
	B20	WO 02/18053 A1	03/07/02	PCT	B01L	3/02	
	B21	WO 02/28532 A3	04/11/02	PCT	B01L	3/00	
	B22	EP 1 013 341 B1	12/10/03	Europe	B01L	3/00	
	B23	CA 2,323,424	03/08/05	Canada	B01L	3/00	

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C01	

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